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**PORTFOLIO:** <https://heeuul.github.io/Portfolio>

**WORKING EXPERIENCES**

**Klikx Technologies Sdn Bhd January 2022 – Present**

*Game Developer Petaling Jaya, Selangor*

* Develop a 3D multiplayer action-puzzle-strategy mobile game with Unity and C#.
* Collaborate with fellow game developer in developing the gameplay mechanics, programming efficient codes, and implementing best practises on component usages, based on product specifications.
* Collaborate with graphic artists for incorporating high quality visual assets into the game while ensuring good performance on mobile phones.
* Prepare specifications, tests, deliverables, acceptance criterias, and time frames for external testing.
* Design minimal transport-level networking system for authentications and connectivities using Unity libraries.
* Incorporate Google backend services into the game which includes Firestore, Firebase, and Play Store.

**Syntx Sdn Bhd March 2021 – July 2021**

*Cyber Security Consultant (Intern) Cyberjaya, Selangor*

* Managed cyber-infrastructural security by performing cyber threat hunting, threat intelligence research, and active directory monitoring.
* Investigated threats in contained environments with VMWare Cloud, Docker, Linux, and SQL database tools.
* Involved in client requirement elicitations to ensure products meeting standards and specifications.
* Involved in cyber intelligence database expansions, website developments, and business documentations.

**RELATED PROJECTS**

**Location Comparison:** Mobile map app to compare travel times from a starting point to multiple destinations. Features include searching locations in Google Map with autocomplete, and compare travel time durations.

Techs: [Redux Toolkit](https://redux-toolkit.js.org), [Google Places Autocomplete](https://github.com/Tintef/react-google-places-autocomplete), [Maps](https://github.com/react-native-maps/react-native-maps), [Maps Directions](https://github.com/bramus/react-native-maps-directions), & [BottomSheet](https://github.com/gorhom/react-native-bottom-sheet).

**Food Delivery:** Mimic of the Deliveroo mobile app. Features include of viewing & browsing contents from backend, screen transitions, mock ordering system, and display restaurants’ location on Google Maps.

Techs:[*Sanity.io*](https://www.sanity.io)*,* [*Redux Toolkit*](https://redux-toolkit.js.org)*,* [*Currency Formatter*](https://github.com/xDae/react-currency-formatter)*,* [*Animatable*](https://github.com/oblador/react-native-animatable)*,* [*Progress*](https://github.com/oblador/react-native-progress)*,* [*Maps*](https://github.com/react-native-maps/react-native-maps)*, &* [*Heroicons*](https://www.npmjs.com/package/heroicons)*.*

**Online Dating Match:** Mimic of the Tinder mobile app. Features include profile creation & authentication, profile card swipings, matching algorithm, and private messaging.

Techs:[*AuthSession*](https://www.npmjs.com/package/expo-auth-session)*,* [*Firebase Authentication*](https://firebase.google.com/docs/auth)*,* [*Firebase Firestore*](https://firebase.google.com/docs/firestore)*,* [*Deck-Swiper*](https://github.com/webraptor/react-native-deck-swiper)*, &* [*EAS*](https://github.com/expo/eas-cli)*.*

**Instant Messaging:** Mimic of the Signal mobile app. Features include profile creation & authenthication, group chats creation & messaging, and web support.

Techs:[*Firebase Authentication*](https://firebase.google.com/docs/auth)*,* [*Firebase Firestore*](https://firebase.google.com/docs/firestore)*,* [*Elements*](https://reactnativeelements.com/)*, &* [*ReactNative for Web*](https://necolas.github.io/react-native-web/)*.*

**Statistics Tracker:** Cryptocurrency price tracker interface mobile app for CoinGecko API. Features include onboarding introductions, list view of currency statistics, and visualisation of price changes for the past 7 days.

Techs:[*CoinGecko API*](https://www.coingecko.com/en/api)*,* [*Onboard*](https://github.com/FrigadeHQ/react-native-onboard)*,* [*Bottom-Sheet*](https://github.com/gorhom/react-native-bottom-sheet)*,* [*Animated-Charts*](https://github.com/rainbow-me/react-native-animated-charts)*,* [*Axios*](https://github.com/qiangmao/axios)*, &* [*Moment*](https://momentjs.com)*.*

**SKILLS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Programming** | | | **Framework** | | | **Communication** |
| * JavaScript * C# * C++ | * Java * SQL * Python | * HTML * CSS | * React Native * Unity * Bootstrap | * Github * IBM DB2 * MySQL | * Docker * VMWare | * English * Malay |

**EDUCATIONS**

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| --- | --- |
| **Multimedia University** | **November 2018 – January 2022** |
| *Bachelor of Computer Science (Hons.)* | *Cyberjaya, Selangor* |
| **Perak Matriculation College** | **June 2017 – June 2018** |
| *Science PST Module 1* | *Gopeng, Perak* |